

Attorney Ref. No. 112.P14025

IN THE CLAIMS**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter, and the applicant and/or assignee reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application.

Listing of Claims:

What is claimed is:

1. (Previously Presented) An optical scanner comprising:
a light sensing device;
an optical system;
a vibration sensor mounted on the light-sensing device, the vibration sensor capable of detecting a magnitude of vibration of the light-sensing device;
a controller connected to the vibration sensor, the controller capable of measuring the magnitude of vibration of the light-sensing device and further capable of producing a corresponding actuator signal; and
an actuator connected to the controller and to the optical system, the actuator capable of adjusting the optical system according to the actuator signal.

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2. (Previously Presented) The optical scanner of claim 1, wherein the optical system comprises a mirror, the actuator capable of adjusting the optical system through rotating the mirror.

3. (Cancelled)

4. (Currently Amended) A method of compensating for vibration of an optical scanner, comprising:
measuring a magnitude of vibration by directly detecting vibration of a light-sensing device;
converting the measured vibration magnitude into an actuator signal; and
compensating for the measured vibration by adjusting an optical system according to the actuator signal.

5. (Previously Presented) The method of claim 4, wherein adjusting the optical system comprises rotating a mirror.

6. (Cancelled)

7. (Currently Amended) An apparatus comprising:
means for sensing a vibration directly at a light-sensing device of an optical device;
means for converting said vibration to an actuator signal; and
means for adjusting an optical system according to the actuator signal.

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8. (Previously Presented) The apparatus of claim 7 wherein said means for adjusting the optical system comprises means for adjusting a mirror.

9. (Currently Amended) An article comprising:

a storage medium;

said storage medium having stored thereon instructions, that if executed, result in the following method being performed:

measuring a magnitude of vibration by directly detecting vibration of a light-sensing device;

converting the measured magnitude of vibration into an actuator signal; and

compensating for said vibration by adjusting the optical system according to said actuator signal.

10. (Previously Presented) The article of claim 9 wherein adjusting the optical system comprises adjusting a mirror.